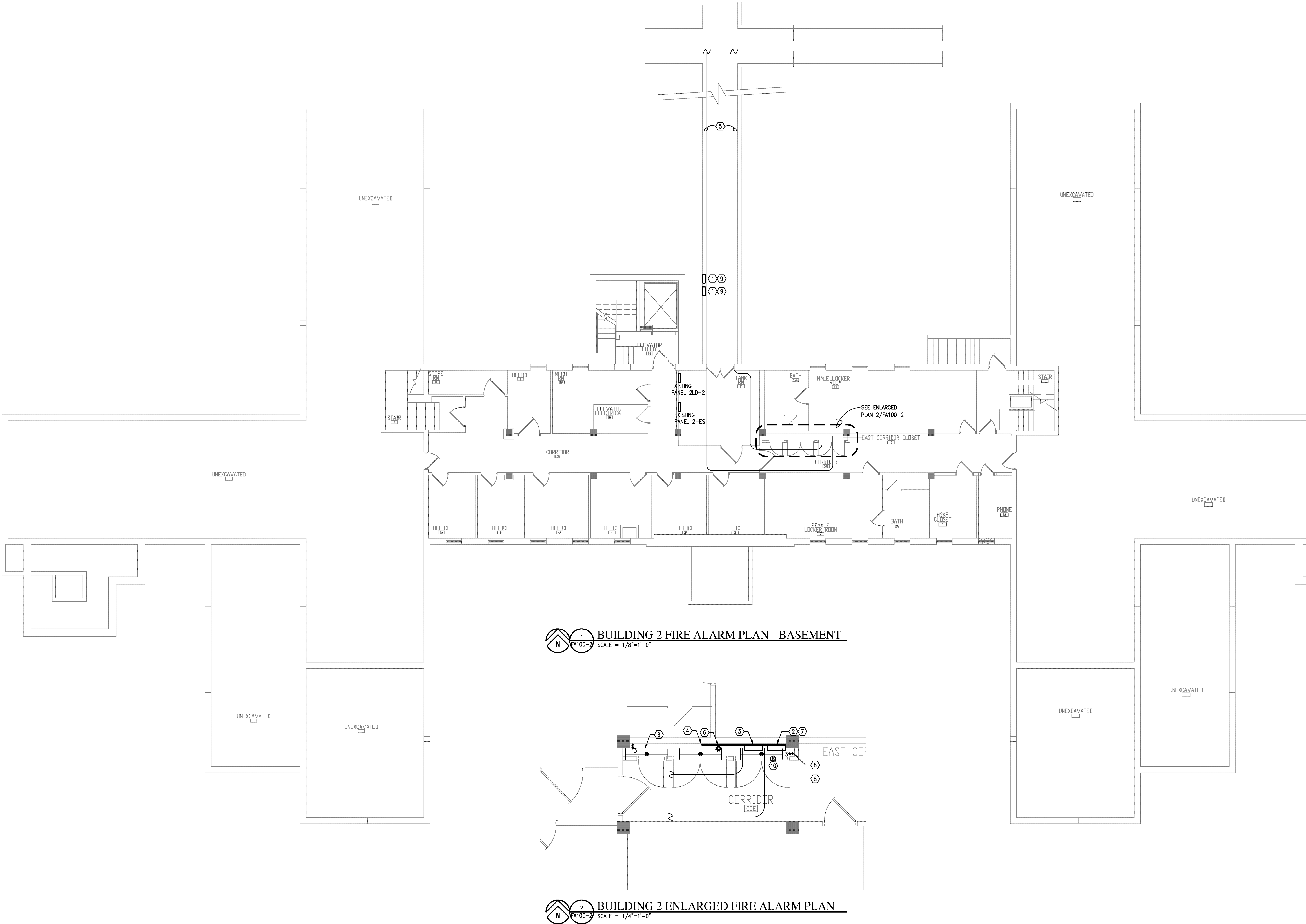


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



GENERAL NOTES

- ALL FIBER OPTIC CABLES ARE TO BE ROUTED IN 1" EMT CONDUIT ORANGE IN COLOR, NO LP'S OR CONDUIT BODIES ARE ALLOWED. PROVIDE MINIMUM 12"x12" J-BOXES WHERE REQUIRED. ALL J-BOXES TO BE ORANGE IN COLOR AND TO BE STENCILED "ENGINEERING FIBER OPTIC".
- PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS, OR CEILINGS REQUIRED FOR THE FIRE ALARM SYSTEM, MATCH ADJACENT SURFACES.
- THESE DRAWINGS SHOW THE GENERAL LOCATIONS OF EXISTING FIRE ALARM CONTROL PANELS AND REMOTE FIRE ALARM ANNUNCIATORS. THE CONTRACTOR SHALL REMOVE ALL EXISTING CONTROL PANELS, ANNUNCIATORS AND ASSOCIATED FIRE ALARM NETWORK CONTROL COMPONENTS AND REPLACE WITH NEW ADDRESSABLE FIRE ALARM CONTROL PANELS. REMOTE FIRE ALARM ANNUNCIATORS AND ASSOCIATED COMPONENTS AS SHOWN ON THESE DRAWINGS AND OUTLINED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT.
- NEW NETWORK FIRE ALARM CONTROL PANELS SHALL BE CONNECTED WITH A NEW FIBER OPTIC PATHWAY INSTALLED IN CONDUIT AND ARRANGED FOR DATA AND VOICE COMMUNICATION.
- THE EXISTING FIRE ALARM NETWORK IS AN EDWARDS IRCD MULTIPLEX FIRE ALARM SYSTEM UTILIZING ANALOG ADDRESSABLE SIGNALING LINE CIRCUIT TECHNOLOGY. EXISTING ANALOG ADDRESSABLE INITIATING DEVICES, SIGNALING LINE CIRCUIT WIRING, NOTIFICATION APPLIANCES, NOTIFICATION APPLIANCE WIRING, AND CONTROL CIRCUIT WIRING SHALL REMAIN AND CONNECT TO NEW FIRE ALARM CONTROL PANELS. NEW FIRE ALARM CONTROL PANELS SHALL BE ARRANGED FOR COMPATIBILITY WITH EXISTING DEVICES, APPLIANCE AND CONTROL CIRCUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.
- EXISTING NOTIFICATION APPLIANCE SIGNALING IS ACCOMPLISHED WITH CONVENTIONAL HORN/STROBES AND SHALL REMAIN. THE NEW NETWORK FIRE ALARM SYSTEM SHALL BE ARRANGED WITH CONNECTIONS AND COMPONENTS FOR A FUTURE UPGRADE TO DIGITAL EMERGENCY VOICE/ALARM COMMUNICATIONS AS REQUIRED BY THE SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW CONDUIT AND WIRING FOR A COMPLETE SYSTEM. ALL ABANDONED FIRE ALARM WIRING AND RACEWAY SHALL BE REMOVED.
- SEE SPECIFICATIONS FOR INITIATING DEVICE, NOTIFICATION APPLIANCE CIRCUIT AND CONTROL CIRCUIT SCHEDULES FOR EXISTING FIRE ALARM CONTROL PANELS.
- SEE SPECIFICATIONS FOR PHASING AND IMPAIRMENT REQUIREMENTS.

PLAN NOTES

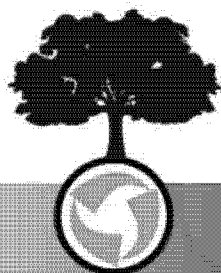
- DEMOLISH EXISTING FIRE ALARM CONTROL CABINET AND POWER SUPPLIES.
- PROVIDE NEW NETWORK FIRE ALARM CONTROL PANEL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PROVIDE NEW FIBER OPTIC TERMINATION CABINET.
- PROVIDE NEW (2) SHEETS OF 3/4"x4"x8" PAINTED, FIRE RETARDANT PLYWOOD BACKBOARD.
- APPROXIMATE ROUTE OF NEW FIBER OPTIC CONDUITS/CABLES. VERIFY ACTUAL ROUTE WITH EXISTING CONDITIONS. REFER TO SITE PLAN ON F5100 FOR CONTINUATION.
- PROVIDE NEW FOURPLEX NORMAL RECEPTACLE AND DEDICATED 120V/20A CIRCUIT. CONNECT TO PANELBOARD 2LD-2, CIRCUIT #41 (SPARE CIRCUIT BREAKER).
- PROVIDE NEW DEDICATED 120V/20A CIRCUIT FROM PANELBOARD 2-ES, CIRCUIT #24 (SPARE CIRCUIT BREAKER). PROVIDE NEW CIRCUIT BREAKER LOCK AND NEW TYPED PANEL DIRECTORY.
- PROVIDE (3) NEW STRIP LIGHTS (LITHONIA UN SERIES OR EQUAL) WITH (2) F032 TB, 4100K LAMPS EACH AND INSTANT START ELECTRONIC BALLASTS. PROVIDE WALL SWITCH AND CONNECT TO PANEL 2-ES, CIRCUIT #22 (SPARE CIRCUIT BREAKER).
- DEMOLISH EXISTING FIRE ALARM CONTROL PANEL CIRCUIT COMPLETE BACK TO SOURCE. REMOVE CIRCUIT BREAKER LOCK AND PROVIDE NEW TYPED PANEL DIRECTORY.
- PROVIDE SMOKE DETECTOR AT NEW FIRE ALARM CONTROL PANEL LOCATION.

100% Construction Documents - For Construction

NO	REVISION	DATE



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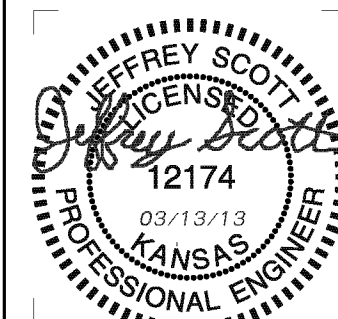


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DRAWING TITLE	BUILDING 2 FIRE ALARM PLAN - BASEMENT
APPROVED: PROJECT DIRECTOR	DATE:

PROJECT TITLE	FIRE ALARM REPLACEMENT
DRAWN BY	AS NOTED
CHECKED BY	HHB
DESIGNED BY	CAB
DATE	02/21/2013
PROJECT	ST. CLOUD VA MEDICAL CENTER ST. CLOUD, MN 56303
DRAWING NO.	FA100-2

